

Europäisch s Patentamt

European Patent Offic

Office européen des brevets



(1) Publication number:

0 378 774 A3

3

## **EUROPEAN PATENT APPLICATION**

(2) Application number: 89120868.8

(2) Date of filing: 10.11.89

(e) Int. Cl.<sup>5</sup>. **A24D** 1/00, A24D 1/02, A24D 1/18, A24B 15/16

(3) Priority: 18.01.89 US 298539

Date of publication of application:25.07.90 Bulletin 90/30

Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

Date of deferred publication of the search report:
23.01.91 Bulletin 91/04

Applicant: R.J. REYNOLDS TOBACCO COMPANY 401 North Main Street Winston-Salem North Carolina 27102(US)

Inventor: Montoya, Maria Teresa

2719 N.C. 68 South

High Point North Carolina 27160(US)

Inventor: Norman, Alan Benson

8184 Steeplechase Circle

Clemmons North Carolina 27012(US)

Inventor: Sanders, Norman Charles, Jr.

1225 Reynolds Forest Drive

Winston-Salem North Carolina 27107(US)

Inventor: Creamer, Glenn Edward

5974 Honeycomb Lane

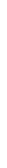
Pfafftown North Carolina 27040(US)

Representative: Hoeger, Stellrecht & Partnerner
Uhlandstrasse 14 c
D-7000 Stuttgart 1(DE)

Cigarette.

© Cigarettes which yield very low levels of sidestream "tar" during use comprise a paper wrapper having an air permeability of less than about 10 CORESTA units, and a blend of a tobacco filler material and a second smokable material. The second smokable material preferably includes about 60

weight percent calcium carbonate, about 30 weight percent pyrolyzed alpha-cellulose and about 10 weight percent carboxymethyl cellulose. Such cigarettes, when used, generate very low amounts of sidestream "tar," and hence, very low levels of visible sidestream smoke.



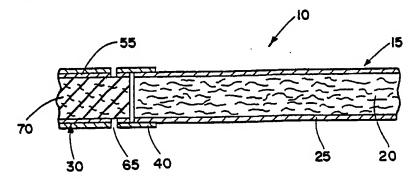


FIG. I



## **EUROPEAN SEARCH** REPORT

Application Number

EP 89 12 0868

ח	OCUMENTS CONS	IDERED TO BE	RELEVAN	JT		
ategory	Citation of document wi	th indication, where appropriate, evant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)	
Y	GB-A-2 143 150 (BRITISH *Example 1; claims *	AMERICAN TOBACCO		-3,5,7-9, 1,13	A 24 D 1 00 A 24 D 1 02 A 24 D 1/18	
Y	FR-A-2 276 789 (IMPERIA * Page 2, line 17 - page 3, I			-3,5.7-9, 1,13	A 24 B 15/16	
Α	EP-A-0 238 298 (R.J. RE) Column 4, line 26 - colum	-	1			
А	EP-A-0 290 911 (R.J. RE) * Column 6, lines 8-35 *	/NOLDS TOBACCO CO.)		.10,12, 4		
:						
					· TECHNICAL FIELDS SEARCHED (Int. CI.5)	
					A 24 B A 24 D	
	The present search report has I	been drawn up for all claims				
Place of search The Hagu			Date of completion of search 26 October 90		Examiner  LEPRETRE F.G.M.J.	
CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory A: technological background O: non-written disclosure			E: earlier patent document, but published on, or after the filing date  0: document cited in the application  L: document cited for other reasons  4: member of the same patent family, corresponding.			